Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1.   (Currently Amended) A data relay processing method ~~wherein~~ comprising the steps of, ~~in the case that at least one~~ sending pieces of information ~~is sent~~ from a plurality of respective terminals, ~~among~~ including a piece of information on a schedule of usage of a transmission band, another piece of information on a schedule of the transmission band which is ~~able~~ available to be assigned, another piece of information on a schedule of a term where ~~an~~ the transmission band is ~~able~~ available to be partially assigned or partially exchanged, and another piece of information on a ~~necessary~~ communication price that is charged to the respective terminals in exchange for the usage of the transmission band ~~cost~~ when ~~[[a]]~~ the transmission band is partially assigned or partially exchanged~~, the sent information is held~~, and

~~wherein said respective schedules of said respective terminals are received, based on at least said information from another terminal which is previously held, said transmission band is reserved, assigned or exchanged or said communication price is determined~~ holding each respective schedule of each respective terminal; based on the schedule of usage, the schedule of transmission band, the schedule of term, and the ~~necessary~~ communication price partially reserving or partially assigning the transmission band between the respective terminals.

2.   (Currently Amended) A data relay processing method according to Claim 1 wherein, based on history information of the past processing record with respect to processes of partially assigning or partially exchanging of the transmission band between said respective terminals and based on information with respect to said transmission band, said transmission band is ~~reserved~~, partially assigned or partially exchanged ~~or a communication price is determined~~.

3. - 40. (Cancelled)

41.   (New) A data relay processing method according to Claim 1 or 2 wherein, the information sent from each terminal is stored in respective terminals; and

the transmission band available to be assigned, defined by the piece of information from one terminal on a schedule of the transmission band which is available to be assigned, is assigned to or exchanged with an other terminal based on the information stored in respective terminals, thereby connecting the one terminal and the other terminal to a server.

42.   (New) A data relay processing method according to Claim 1 or 2 wherein, the information sent from each terminal is stored in respective terminals; and

during the term defined by the piece of information from one terminal on a schedule of a term where a transmission band is available to be assigned or exchanged, the transmission band available to be assigned, defined by the piece of information from the one terminal on a schedule of the transmission band which is available to be assigned, is assigned to or exchanged with an other terminal based on the information stored in respective terminals, thereby connecting the one terminal and the other terminal to a server during the term defined by the piece of information of the one terminal on the schedule of the term where the transmission band is available to be assigned or exchanged.